



Thermoplastic prepreg lines make use of a polymer system that has reoccurring plasticity with heat.

The polymer can be heated and reheated multiple times, and typically flows as a liquid when hot, which can allow welding of components with no additional bonding agents required.

The use of thermoplastics in composites is currently less widespread than thermoset polymers & resins, but thermoplastics provide a viable recyclable alternative to thermosets with unlimited shelf life, lower costs, higher production rate potential and no need for temperature controlled storage.

For more information, contact us:

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# THERMOPLASTIC PREPREG

Specification can be varied to suit any requirement

<b>Demonstrated Process Speed</b>	0-10m/min
<b>Product Width</b>	Up to 600mm wide
<b>Temperature</b>	Up to 450°C (850°F)
<b>Materials</b>	Fibre, Glass, Carbon
<b>Polymers</b>	PEEK, PVDF, PPS, Nylon, PP, PES, etc.
<b>Typical Vf</b>	40%-60%
<b>Typical FAW (Carbon)</b>	50-200 gsm

